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Recording material for ink-jet printing, comprises support coated by layer of barium sulfate with an overlayer of alumina, provides high color density

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Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1048480	A1	20001102	EP 99108448	A	19990430	200103 B
AU 200028911	A	20001102	AU 200028911	A	20000420	200103
JP 2001010222	A	20010116	JP 2000130432	A	20000428	200107
CN 1272430	A	20001108	CN 2000117949	A	20000428	200114

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Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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AU 200028911	A			B41M-005/00	
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Abstract (Basic): **EP 1048480 A1**

NOVELTY - Recording material for ink-jet recording methods consists of a carrier that has a pigment-containing layer deposited on it. This layer comprises at least one underlayer containing barium sulfate (I) and an overlayer containing (i) alumina as pigment or (ii) a mixture of at least two pigments.

USE - (A) are used to record ink-jet images.

ADVANTAGE - (A) is a glossy material that can generate images with high color density; has high ink absorbancy, short drying times and good resistance to wiping. When the underlayer also includes alumina or silicic acid, the coating weight of this layer may be reduced, avoiding the 'crack' effect and problems of dusting, and adherence of the coating is improved.

pp; 9 DwgNo 0/0

Title Terms: RECORD; MATERIAL; INK; JET; PRINT; COMPRISE; SUPPORT; COATING; LAYER; BARIUM; SULPHATE; OVERLAY; ALUMINA; HIGH; COLOUR; DENSITY

Derwent Class: A97; G05; P75; T04

International Patent Class (Main): B41M-005/00

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